

COMPOUNDS WHICH PREVENT NEURONAL CELL DEATH AND USES
THEREOF

Abstract of the Disclosure

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The present invention provides for a compound having the structure: $(AA_1)_n$ -Cys- $(AA_2)_m$ wherein $n = 0, 1, 2, 3, 4$ or 5 and $m = 0, 1, 2, 3, 4$ or 5 , provided the sum of $(n + m)$ is greater than or equal to two and less than or equal to five, if $n = 1$, $(AA_1)_n = \text{Ala-}$, if $n = 2$, $(AA_1)_n = \text{Gln-Ala-}$, if $n \geq 3$, $(AA_1)_n = (Xaa)_p$ -Gln-Ala-, and Xaa = any amino acid and wherein if $n = 3$, $p = 1$, if $n = 4$, $p = 2$, if $n = 5$, $p = 3$, if $m = 1$, $(AA_2)_m = \text{-Arg}$, if $m = 2$, $(AA_2)_m = \text{-Arg-Gly}$, if $m \geq 3$, $(AA_2)_m = \text{-Arg-Gly-(Xaa)}_q$, wherein if $m = 3$, $q = 1$, if $m = 4$, $q = 2$, if $m = 5$, $q = 3$. The present invention provides for a method of inhibiting cell death and a method for alleviating symptoms of a neurodegenerative disorder in a subject.

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